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In re PATENT APPLICATION of
Inventor(s) NOELLE et al.
Appl. No. 09/335,686

Group Art Unit: 1644
Examiner: P. Gambel

series code ↑ serial no.
Filed: June 18, 1999

Atty. Dkt. PM 0277164
M#

TITLE: Method for Prolonged
Suppression of Humoral Immune
Response to a Thymus-
Dependent Antigen Therapeutic
Agent

Date: October 25, 2002

Name or type of signed paper being transmitted:
Reply and Amendment Pursuant to 37 C.F.R. 1.111

MESSAGE:

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Name Robin L. Teskin Sig. [Signature] Date October 25, 2002

037003/0277164

PAT-286 7/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): NOELLE et al.
 Appn. No. 09 335,686
 Series Code \uparrow Serial No. \uparrow

Group Art Unit 1644
 Examiner: P. Gambel
 Atty. Dkt P 0277164 1993-30-0090CP1C1
 MS Client Ref

Filed: June 18, 1999
 Hon. Commissioner of Patents
 Washington, D.C. 20231
 Sir:

Appln. Title: METHOD FOR PROLONGED
 SUPPRESSION OF HUMORAL IMMUNE
 RESPONSE TO A THYMUS-DEPENDENT
 ANTIGEN THERAPEUTIC AGENT

Date: October 25, 2002

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entry claim		Claims remaining after amendment	Highest number previously paid for	Present Extra	Larger/Small Entry	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made	B. <input type="checkbox"/> Withdrawn						
For B & C See Required Separate Paper (Pat-256)							
			0	0	x \$18/\$9 =	+ \$0	103/203
			0	0	x \$84/\$42 =	+ \$0	102/202
2. Total Effective Claims							
3. Independent Claims							
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)				add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: October 25, 2002			<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached			(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract					- \$0		
8. Extension Fee					+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee					+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c),				add	+ \$180	+ \$0	126
or if Rule 97(d) Request				add	+ \$180	+ \$0	126
11. After-Final Request Fee per rules 129(a) and 17(r)					+ \$740/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b)					x \$740/370 ea	+ \$0	149/249
13. Request for Continued Examination (RCE)					+ \$740/370	+ \$0	1179/1279
14. Petition fee for					+ \$0		
15. TOTAL FEE =					\$0		

15


16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0"
 17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.
 18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space

Our Deposit Account No. 03-3975)
 (Our Order No. 037003 0277164
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CHARGE STATEMENT. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.
 This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

NOELLE et al.

Group Art Unit: 1644

Appln. No.: 09/335,686

Examiner: P. Gambel

Filed: June 18, 1999

Title: METHOD FOR PROLONGED SUPPRESSION OF HUMORAL IMMUNE RESPONSE
TO A THYMUS-DEPENDENT ANTIGEN THERAPEUTIC AGENT

October 25, 2002

* * * * *

REPLY AND AMENDMENT
PURSANT TO 37 C.F.R. §1.111Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 20, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Kindly amend claim 44 as set forth below:

44. (Three Times Amended) A method for inducing prolonged humoral suppression in a subject in need of such prolonged humoral immune suppression, to a soluble thymus dependent (TD) antigen which method comprises:

(i) administering a soluble TD antigen to which a humoral response is to be suppressed; and

(ii) administering an amount of an anti-gp39 antibody or a fragment thereof that binds gp39, in an amount effective to provide for prolonged humoral immune suppression to said soluble TD antigen, wherein administration of (i) and (ii) is effected concurrently, and wherein prolonged humoral immune suppression means that suppression of antibody production against said TD antigen is maintained after administration of a gp39 antagonist, wherein said gp39 antagonist is an anti-gp39 antibody in vivo, has been terminated.

REMARKS

Entry of the foregoing amendments, reconsideration and re-examination of the subject application, as amended pursuant to and consistent with 37 C.F.R. §1.112, and in light of the remarks which follow are respectfully requested.